



Emergency Action Plan

**Abatement and Selective Demolition
130 Cedar Street
New York, NY 10006**

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Emergency Action Plan

1.0 Introduction

This plan explains the steps to be taken in response to an emergency situation for the building located at 130 Cedar Street, New York, NY 10006 (“the Building”).

2.0 Reporting Emergencies

All site personnel, upon discovering an emergency situation, shall immediately call 911. The Contractor’s Site Safety Officer (CSO) shall be notified immediately thereafter and will assume responsibility as the onsite representative to the First Responders. The CSO shall immediately notify the owner of the Building.

3.0 Building Evacuation

Any explosion, regardless of size or type, any structural failure, fires, and certain power failures require a complete building evacuation.

Designated Assembly Area: In the event of an evacuation, the designated assembly point for site personnel is the southeast corner of the intersection of Washington and Carlisle Streets.

During the safety orientation, all personnel will be instructed to locate and assemble in a manner that will not impede the operations of any business or agency in the area. No visitors or trade personnel shall leave the assembly point until directed by the CSO. Following an evacuation, no one will be allowed to re-enter the Building until cleared by appropriate First Responder, safety, agency or technical personnel investigating the impact of the incident to the Building. The CSO will provide the “all clear” signal to the contractor site managers once it is safe to return to normal work operations.

4.0 Response to Specific Emergency Events

- Below is a list of unplanned events that may occur during the deconstruction project. This list may not be all encompassing, but represents “events” related to similar projects.

4.1 Fire or Explosion

In the event of an explosion or a fire, the CSO shall immediately:

- Call 911.
- Initiate building evacuation procedures as outlined in Section 3.0.
- Meet first responders at the pre-designated assembly area.
- Notify the owner of the Building.

Should there be a work stoppage in a certain area due to a fire or an explosion, work will not resume until the SSO verifies that appropriate corrective actions have been taken.

4.2 Power Failure

In the event of a power failure, the CSO shall immediately:

- Call 911, if warranted.
- Coordinate with the site manager and abatement contractor to initiate containment isolation activities (i.e., both the Personnel and Waste Load Out Decontamination units must be immediately sealed to prevent a fiber release).
- All containment isolation barriers are to remain secure until the required negative pressure has been re-established.

4.3 Structural Failure

The deconstruction process will create weakened sections as supporting elements are removed, (i.e., roof sheathing, wall sheathing). In the event of an unanticipated structural failure, the CSO shall immediately:

- Call 911
- Initiate building evacuation procedures as outlined in Section 3.0
- Coordinate with the site manager and abatement contractor to initiate containment isolation activities (i.e., both the Personnel and Waste Load Out Decontamination units must be immediately sealed to prevent a fiber release).
- All containment isolation barriers are to remain secure until the required negative pressure has been re-established.

Should there be a work stoppage in a certain area due to a structural failure, work will not resume until the Structural Professional Engineer verifies with the appropriate city and/or governmental agencies that appropriate corrective actions have been taken. Structural failure will be examined by the Owner's Professional Engineer for the Project and the New York City Department of Buildings BEST Squad prior to returning to work. The Structural Engineer for the project is John A. Baranello, Jr., Severud Associates Cons. Engineers, 469 7th Avenue, Suite 900, New York, NY 10018. He can be reached at 212-986-3700.

4.4 Worker Injury or Illness

Potential injuries that may result in a medical emergency include:

- Slips, trips, falls, lacerations
- Trauma injuries caused by being struck by heavy equipment, building components, waste containers, etc.
- Eye injuries
- Burns from electrical, fire or explosion
- Electrical contact or electrocution
- Heat stress/stroke
- Chemical exposures
- Cardiac emergencies
- Respiratory emergencies

The Contractor and its subcontractors will respond to minor injuries requiring first aid only; major injuries or requirements for search and rescue will be handled by First Responders.

If a worker is showing signs of distress or obvious injury or illness, the CSO shall be immediately notified and provided the following information:

- Location of victim
- Nature of Emergency
- Whether the victim is conscious
- Specific details regarding the injury or illness
- Whether the victim is in need of decontamination

The CSO will suspend work within the immediate area until the emergency situation has been corrected. If possible the subcontractors' first aid attendant shall treat the injured employee as necessary until a decision is made to seek outside medical assistance or to remove the victim from the Building.

The CSO will be responsible for calling 911 and will inform the First Responders whether asbestos abatement activities are taking place within the Building, and whether or not the injured employee has been brought through the decontamination chamber.

4.5 Unplanned Sudden or Non-Sudden Release of Hazardous Waste or Constituents

It is not anticipated that significant quantities of hazardous waste will be found or stored on the site. If hazardous waste is stored on site, a spill response kit appropriate to the type and quantity of hazardous waste identified will be kept on site. In the event of an unanticipated release, the CSO shall immediately:

- Call 911, if warranted.
- Call NYSDEC Spill Response (800) 457-7362.
- Make a determination whether to implement a building evacuation or control and remediate the release. Procedures for notification to the appropriate regulatory agencies are outlined below.
- Coordinate with the site manager and abatement contractor to initiate containment isolation activities (e.g., sorbents, application of spill response materials).
- Personnel containing the release will be 40-hour HAZWOPER Trained and will have had an 8-hour refresher within the past 12 months.

In accordance with the New York State and New York City Asbestos Rules, if visible emissions occur outside the work area or any air sample within the building but outside the work area indicates a level of fiber concentration at or greater than the 0.01 fibers per cubic centimeter or background levels, work shall stop for inspection and repair of barriers and clean-up of surfaces. Any barriers disturbed will be restored, and clean up of surfaces outside the work area using HEPA vacuums and/or wet-cleaning methods, shall be performed prior to the resumption of abatement activity. Work will not resume until the onsite Environmental Consultant verifies that appropriate corrective actions have been taken. Airborne levels of asbestos fibers outside the work area will be closely monitored to ensure that they are below background /action levels.

In addition, this project will have in place an exterior air sampling program, as presented in the Specification for Community Air Monitoring. Per this plan, the USEPA Region 2 office (any exceedance) and NYCDEP (asbestos exceedance only) will be notified promptly via phone and electronic mail of any exceedance of either a Target Air Quality Level or a USEPA Site Specific Trigger Level and will be notified promptly of any corrective actions taken in connection with the Target Air Quality Level exceedance and the implementation of corrective actions in connection with USEPA Site Specific Trigger Level exceedance.

If exterior ambient air monitoring detects any contaminants of potential concern (COPCs), as identified within the Specification for Community Air Monitoring, above the relevant USEPA Site Specific Trigger Levels, the appropriate actions will be taken. USEPA Region 2 and NYCDEP will be notified regarding the exceedance and the implemented corrective measures, if any, are appropriate.

For any releases of hazardous/regulated wastes to the exterior of the Building, the CSO will call 911. The following agencies will also be notified EPA, NYCDEP, OSHA, NYSDEC, NYSDOH and NYCDOB.

If there is a work stoppage due to an unplanned release of hazardous/regulated waste, work will not resume until the Environmental Consultant's Certified Industrial Hygienist has determined the cause and verified with the appropriate city and/or governmental agencies that appropriate corrective measures have been taken.

4.6 Falling or Dropped Building Debris

The project may involve hand demolition of building masonry facade. In the event of unanticipated dropping of debris, the CSO shall immediately:

- Call 911, if warranted.
- Stop work and identify source of dropped debris.
- Coordinate with the site manager and demolition contractor to review work practices and site protection.
- The Site Manager will contact NYC Department of Buildings, if warranted.

No work is to re-commence until work practices and site protection have been adjusted to prevent a recurrence. If any structural deficiency is noted, the Structural Engineer for the project, and the New York City Department of Buildings, if warranted, will be called to inspect and approve remedial actions.